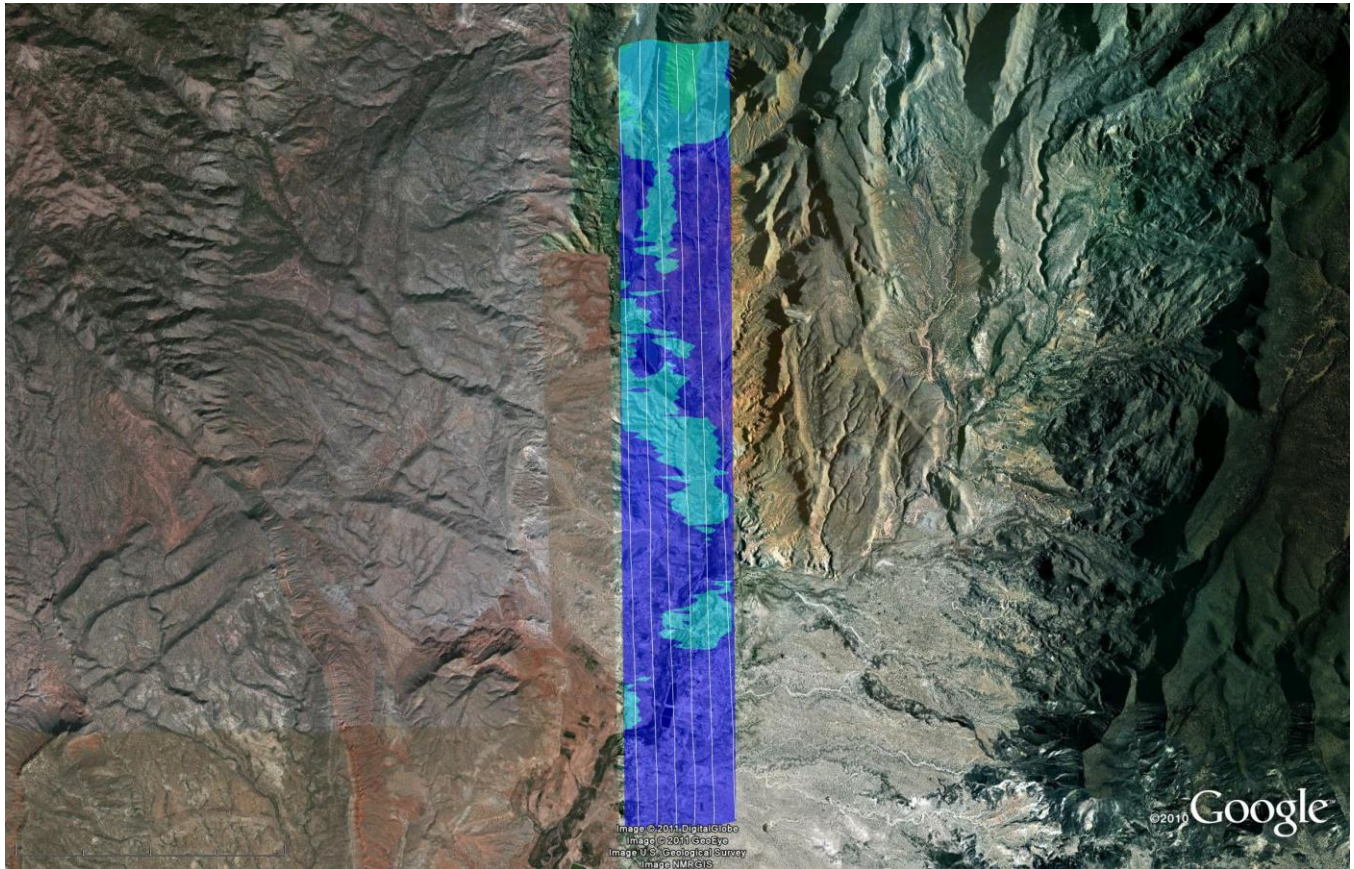


Survey Areas
July 2, 2011



ASPECT Program

***Jemez Pueblo Survey Area
Exposure Rate Contour Map
July 2, 2011***



| Parameter Exposure Rate (uR/hr) | |
|---------------------------------|-----------------|
| < 5.0000 | 25.000 : 30.000 |
| 5.0000 : 10.000 | 30.000 : 35.000 |
| 10.000 : 15.000 | 35.000 : 40.000 |
| 15.000 : 20.000 | 40.000 : 45.000 |
| 20.000 : 25.000 | > 45.000 |



Flight Parameters

1000 ft altitude
1000 ft line spacing
110 knots
1 second acquisition time

Radiation can be measured in exposure rate. Typical background exposure rates in New Mexico range from 5 - 20 $\mu\text{R/hr}$. The maximum exposure rate for this survey was 15 $\mu\text{R/hr}$. This is in the normal range. The exposure rate contour map indicates estimated radiation exposure rates on the ground and can be used to identify hazardous levels of radiation. This map indicates that there are no hazardous levels in the area surveyed.

Brief Discussion of Results

Chemical

No chemical data were collected due to sensor-door malfunction.

Radiological

No significant radiological detections.

Photography

No aerial photographs were collected due to camera-door malfunction.

Infrared Imaging

No infrared imaging data were collected due to sensor-door malfunction.

General Observations

- 1. Bland Area was not able to be surveyed due to air traffic control, active fires, and heavy smoke conditions.*
- 2. Medium to heavy smoke conditions existed at every survey location.*

ASPECT Team is demobilizing today.